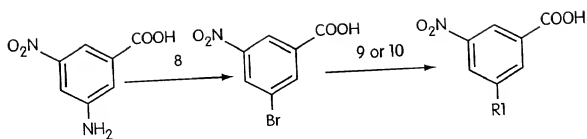


Fig. 1



3-amino-5-carboxy

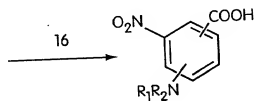
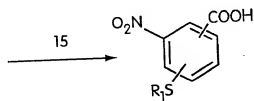
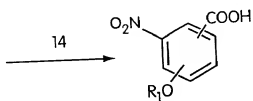
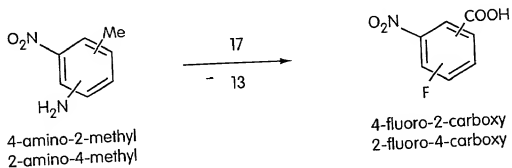


Fig. 2

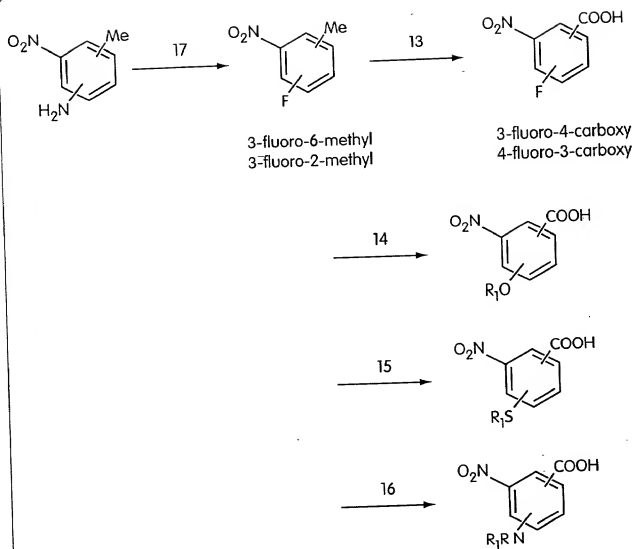


Fig. 3

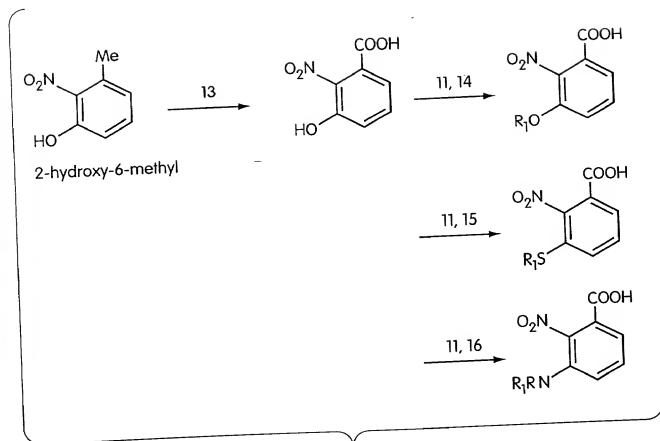


Fig. 4

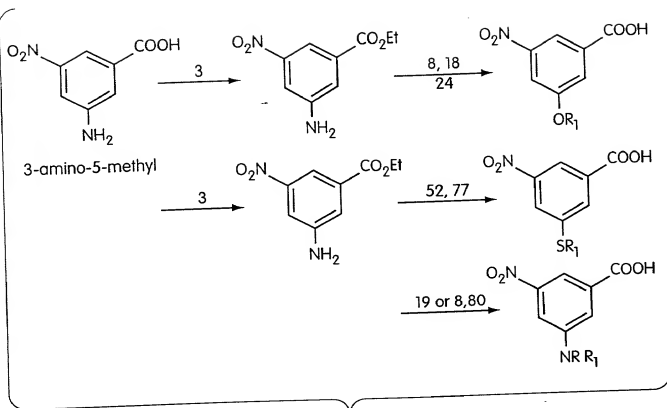


Fig. 5

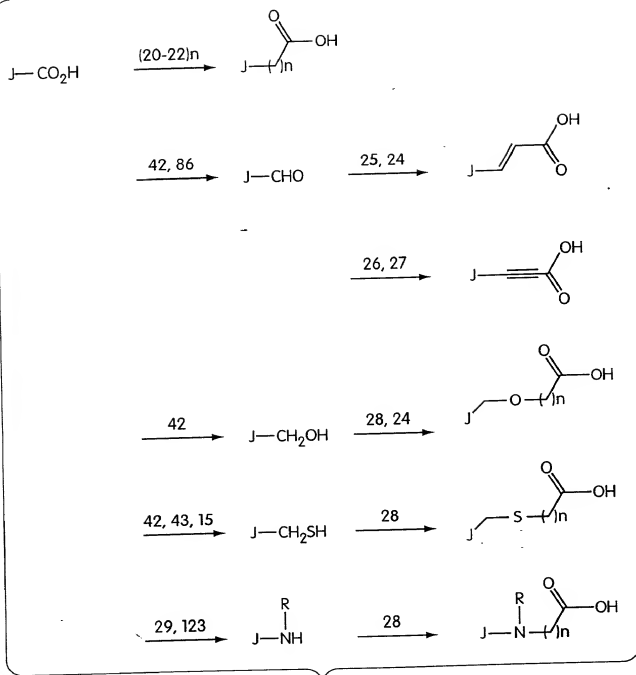


Fig. 6

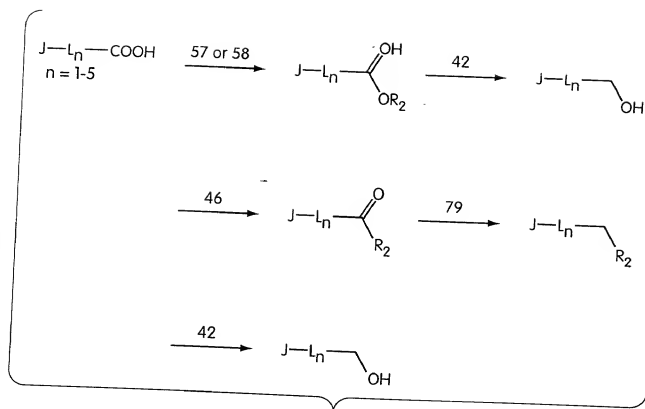


Fig. 7

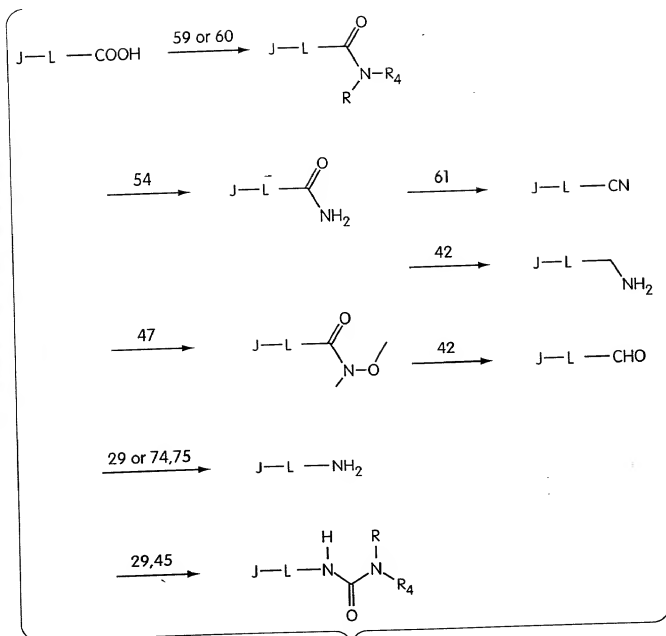


Fig. 8

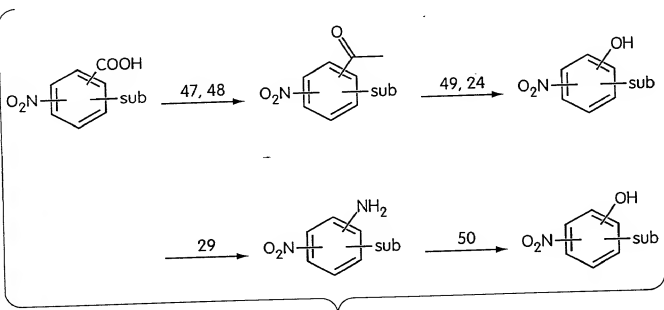


Fig. 9

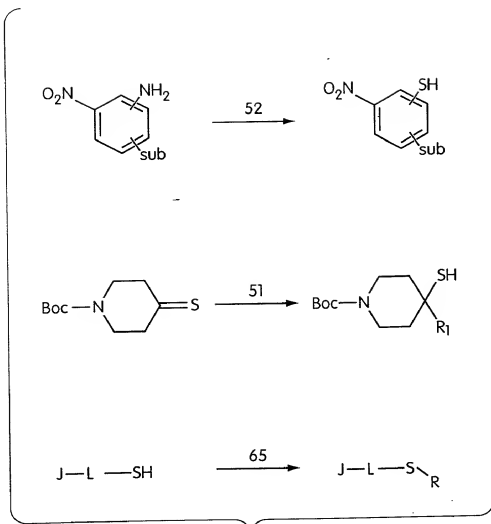


Fig. 10

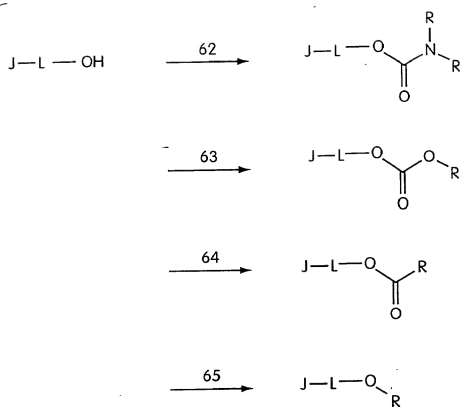


Fig. 11

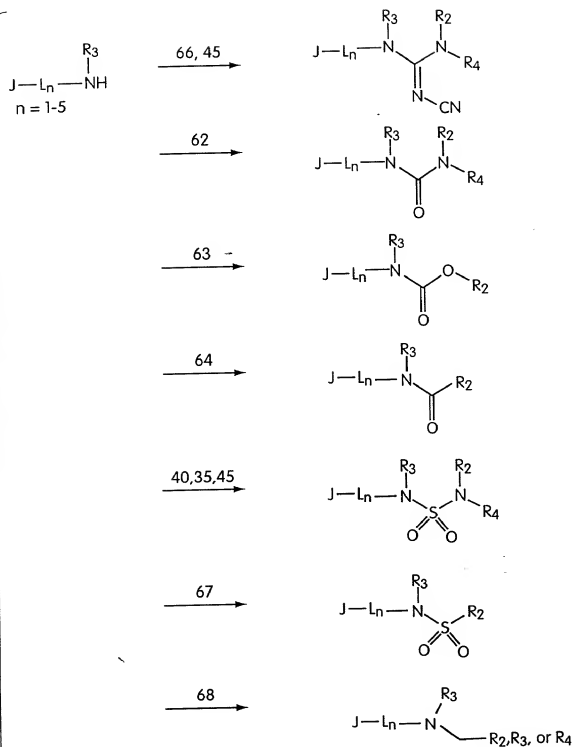
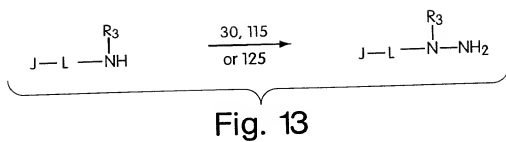


Fig. 12



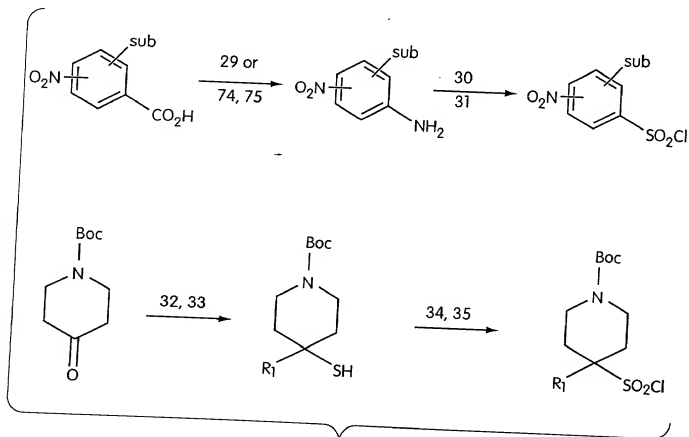


Fig. 14

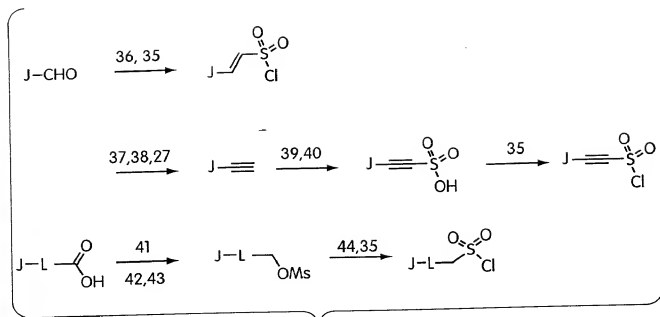


Fig. 15

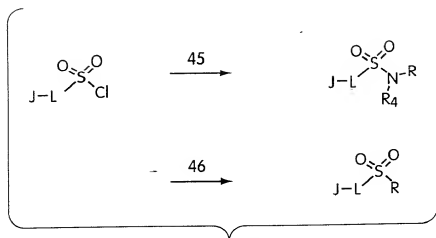


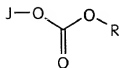
Fig. 16

J-L =

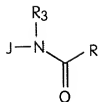
1



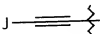
7



13



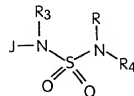
2



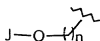
8



14



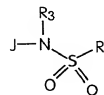
3



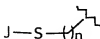
9



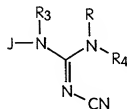
15



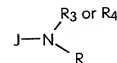
4



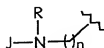
10



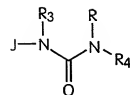
16



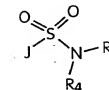
5



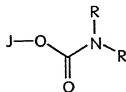
11



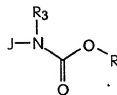
17



6



12



18



Fig. 17

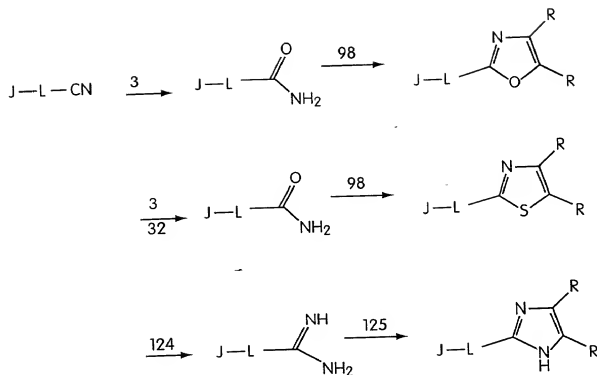


Fig. 18

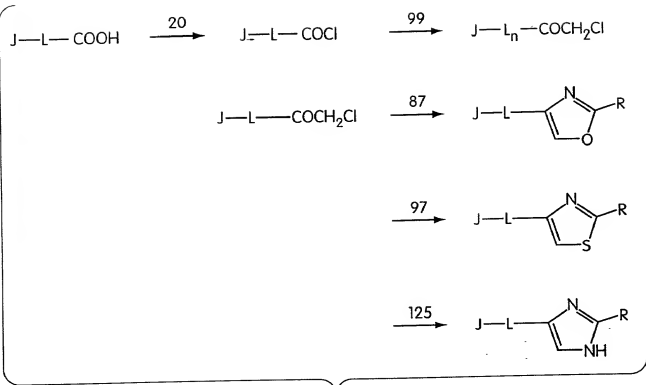


Fig. 19

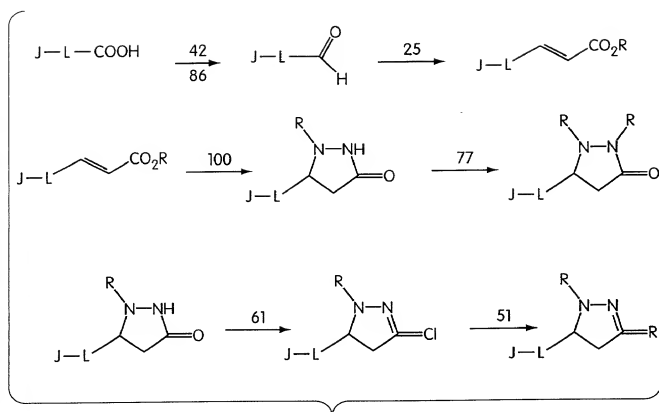


Fig. 20

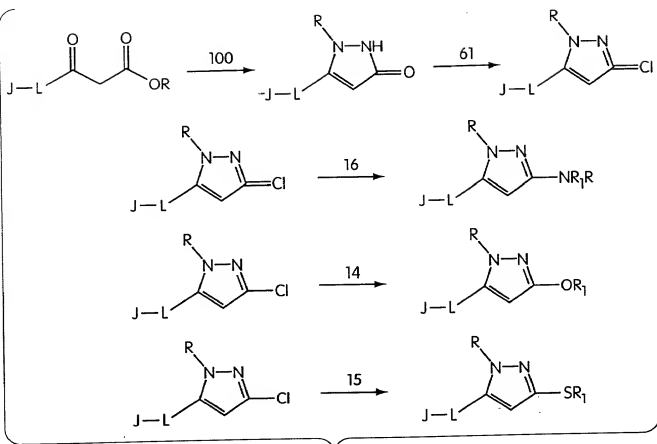


Fig. 21

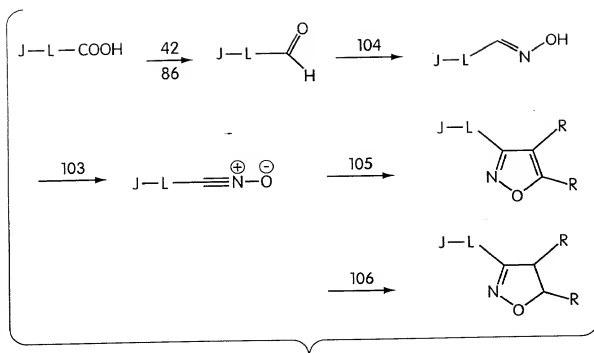


Fig. 22

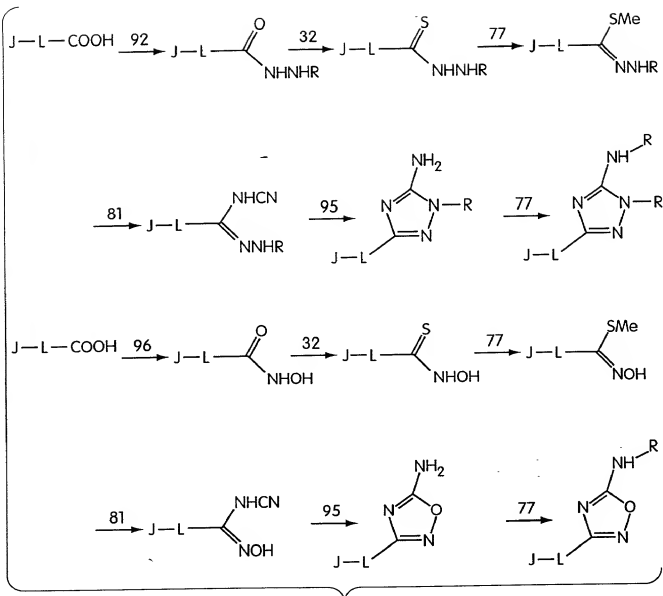


Fig. 23

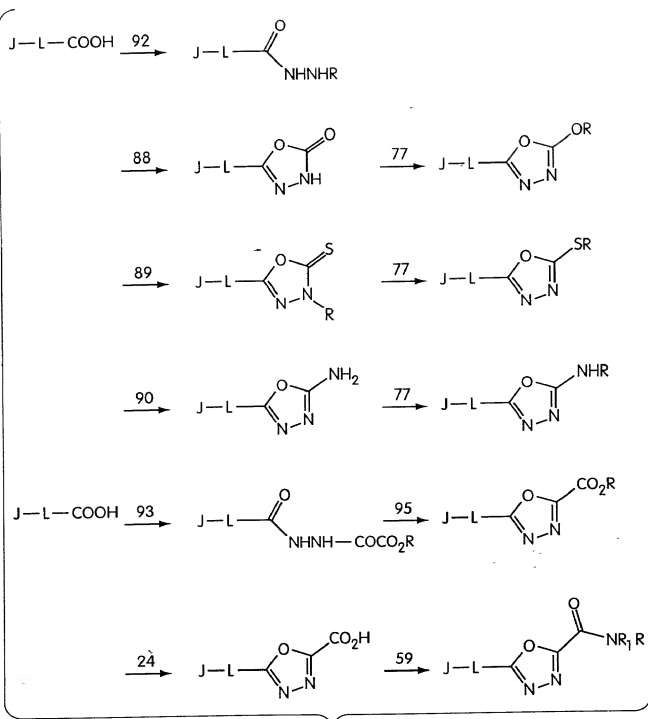


Fig. 24

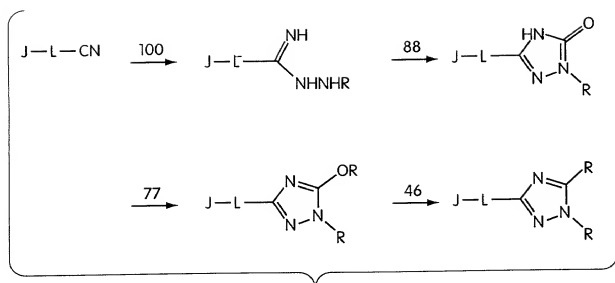


Fig. 25

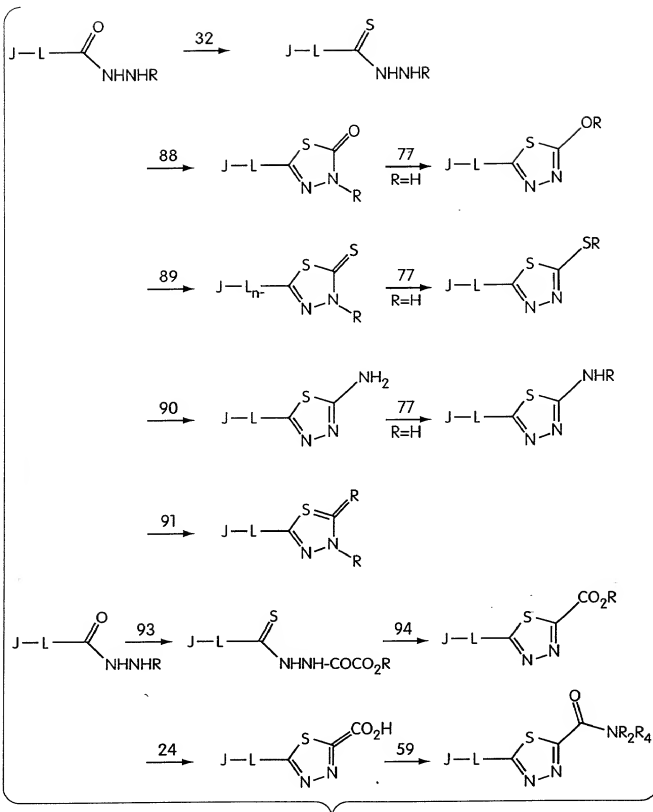


Fig. 26

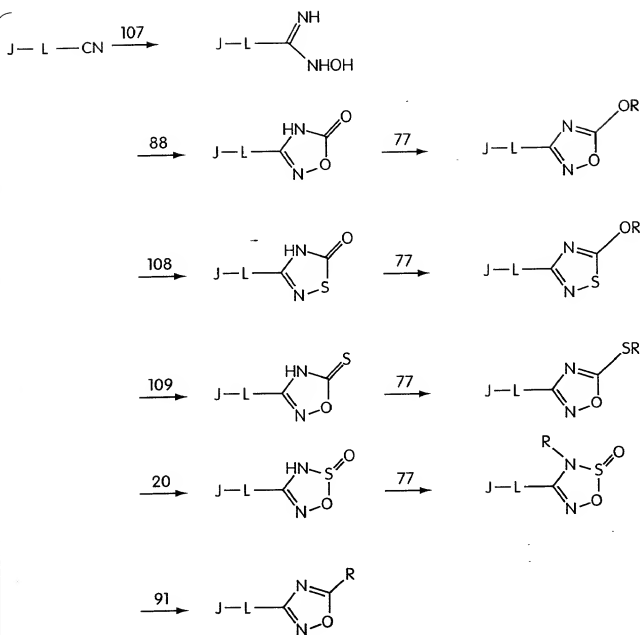


Fig. 27

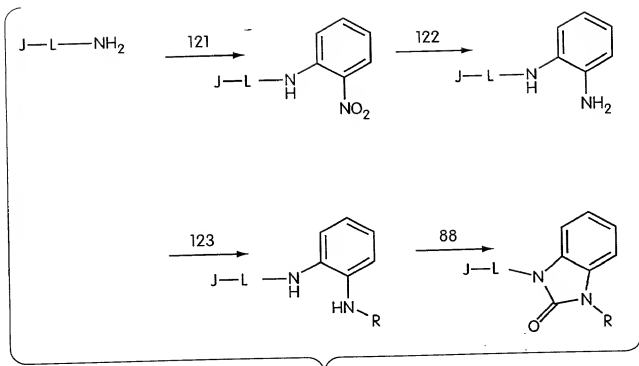


Fig. 28

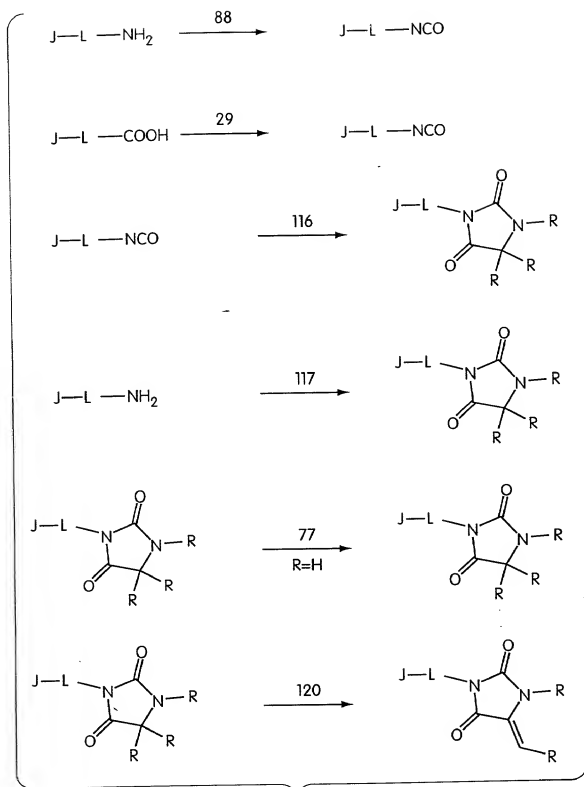


Fig. 29

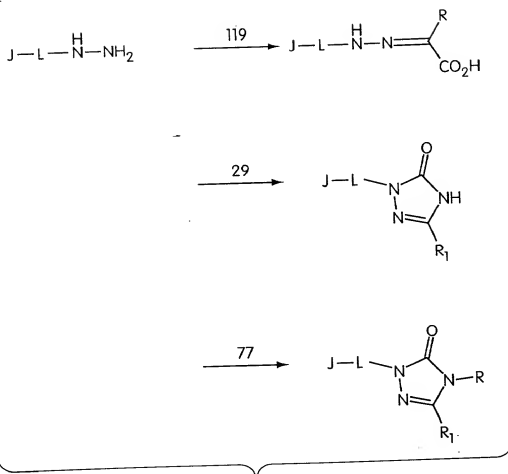


Fig. 30

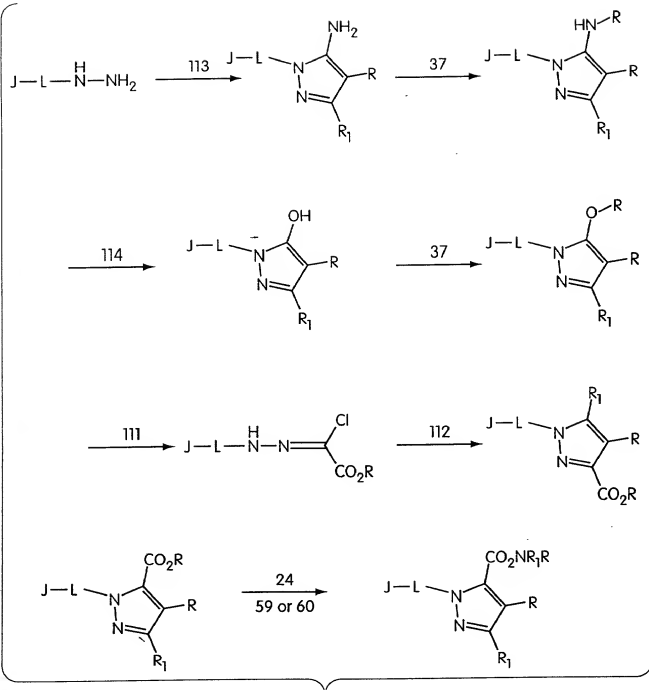


Fig. 31

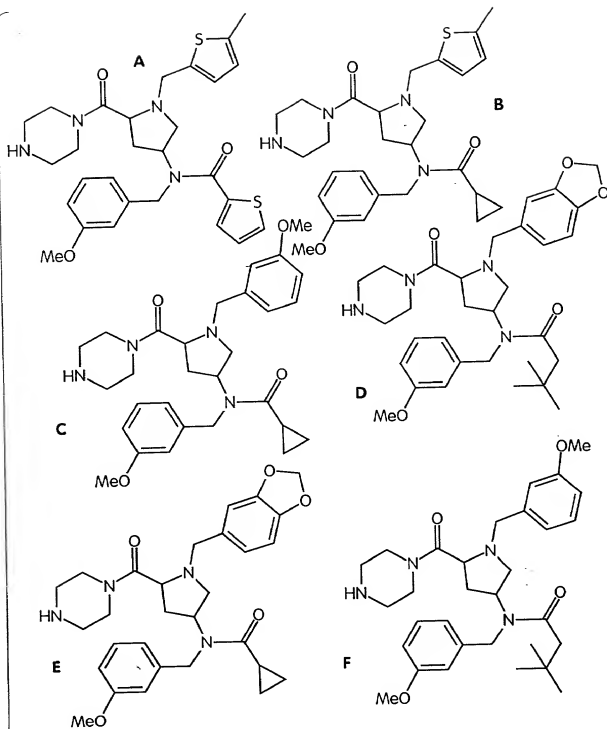


Fig. 32A

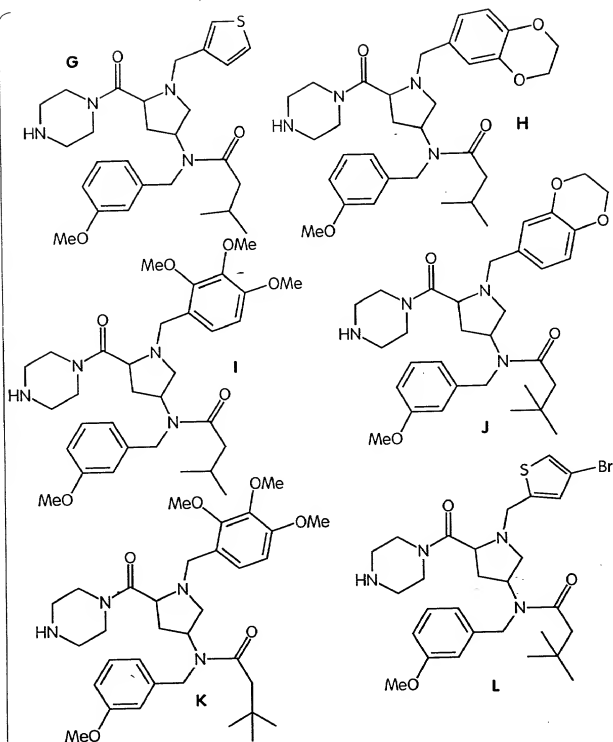


Fig. 32B.

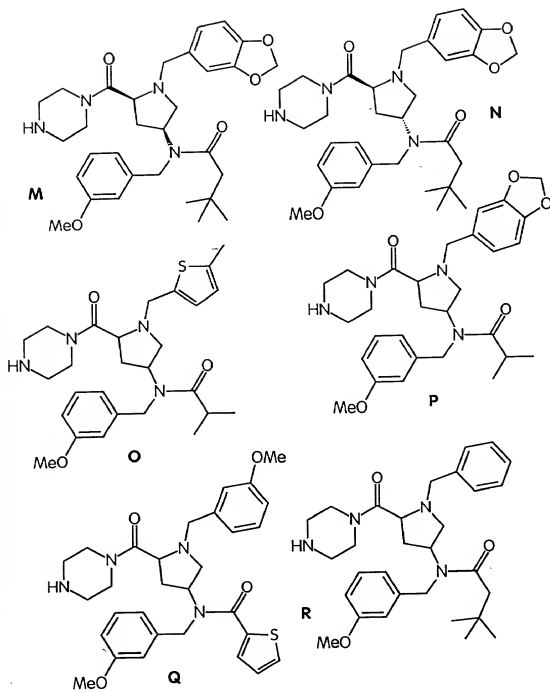


Fig. 32C

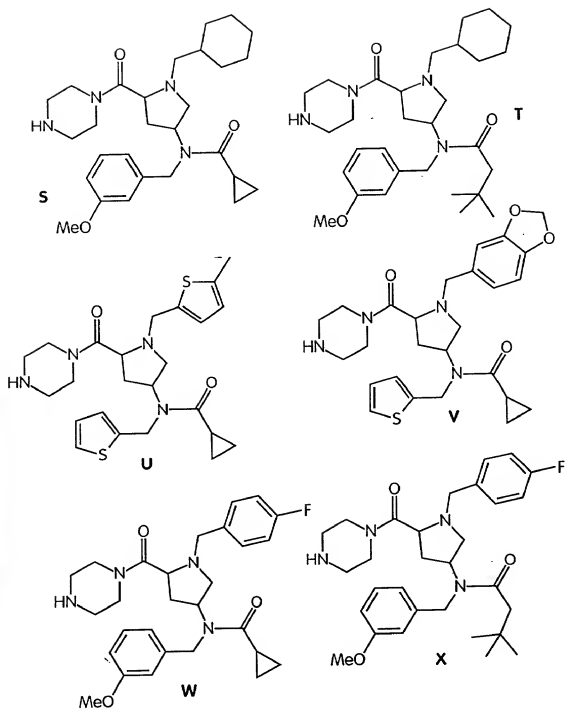


Fig. 32D

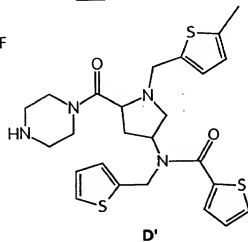
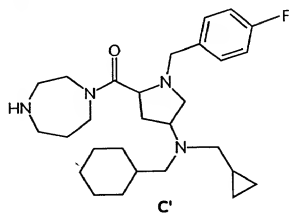
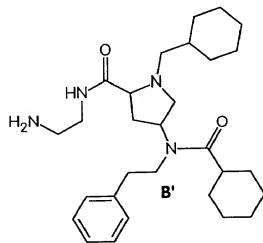
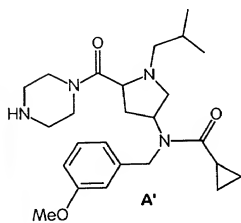
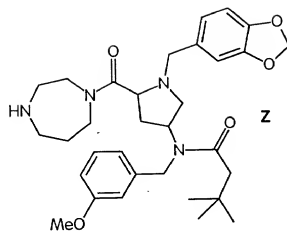
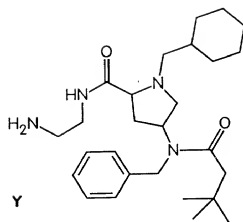


Fig. 32E

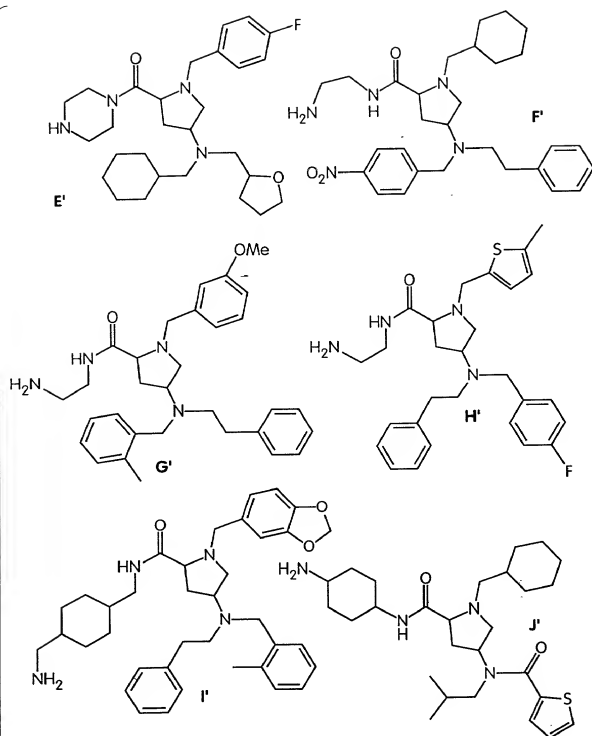


Fig. 32F

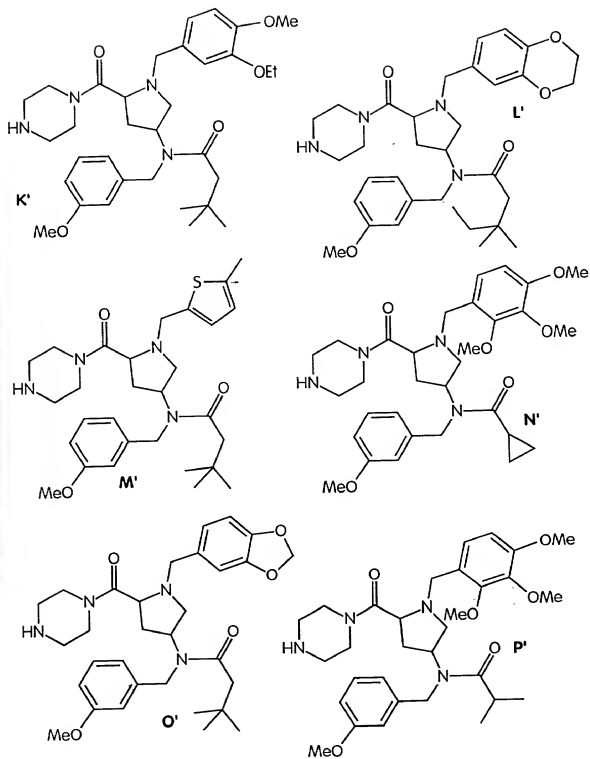


Fig. 32G

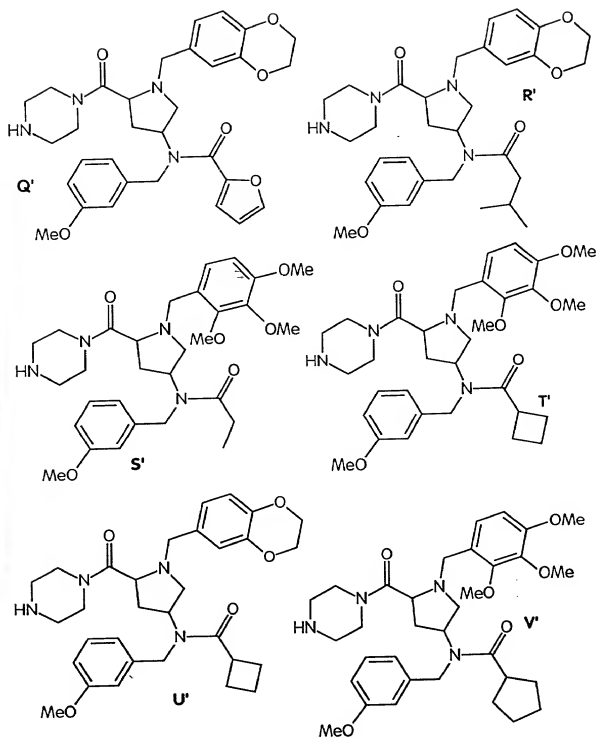


Fig. 32H

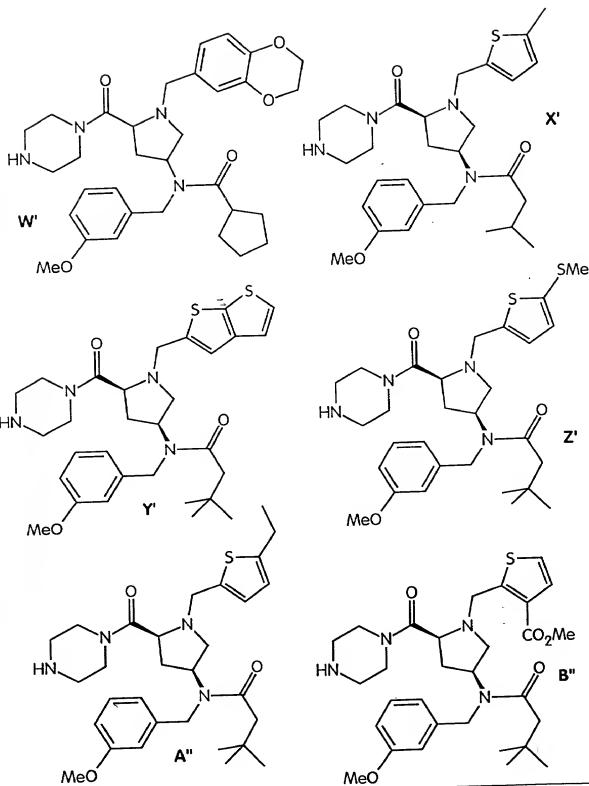


Fig. 32I

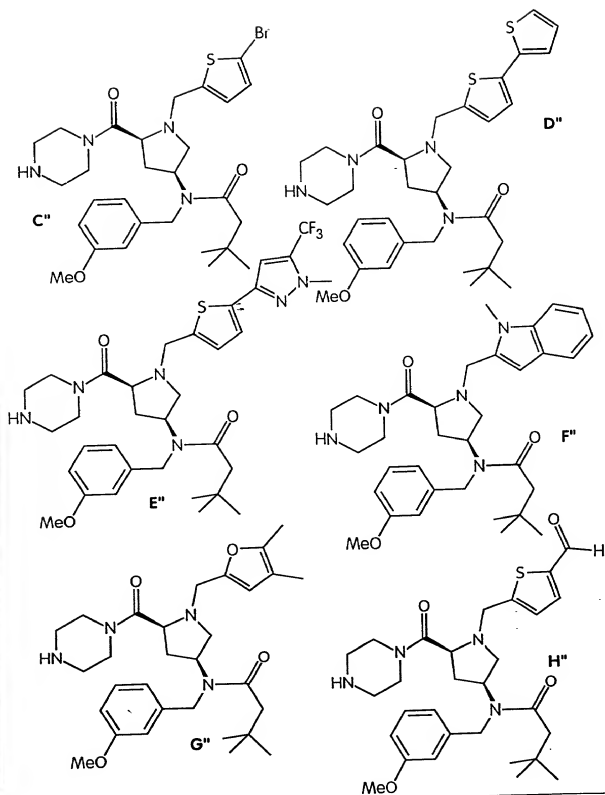


Fig. 32J

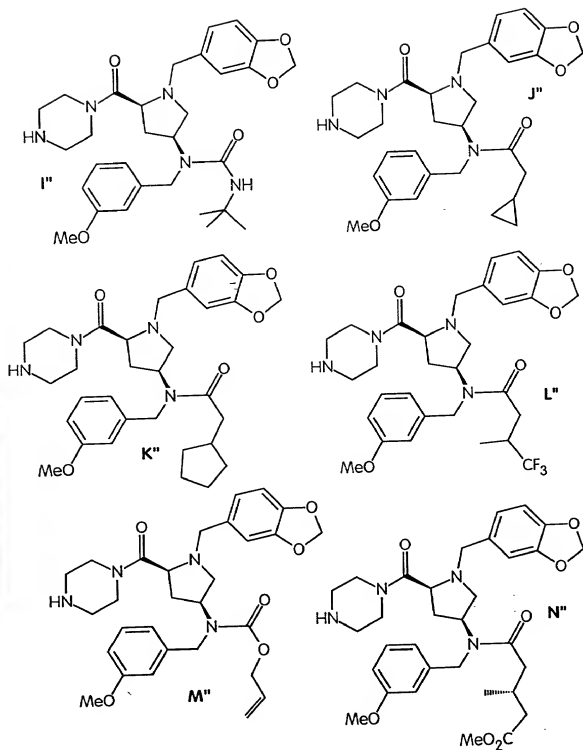


Fig. 32K

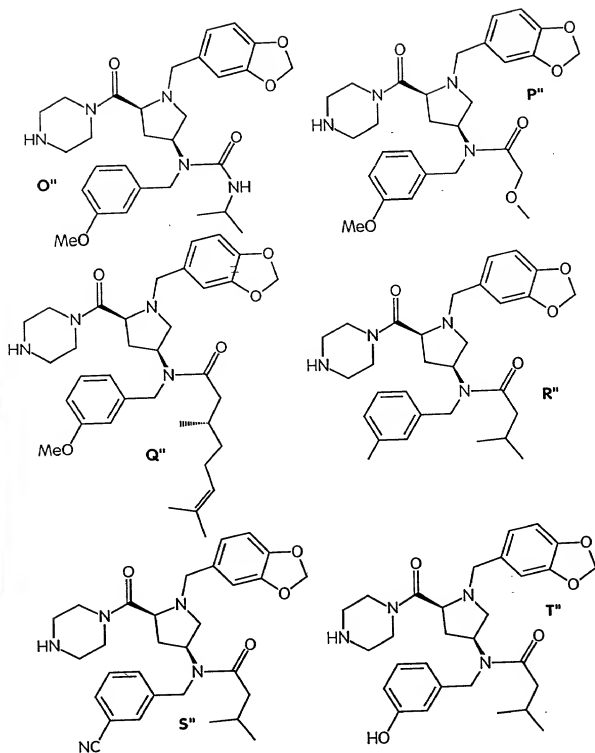


Fig. 32L

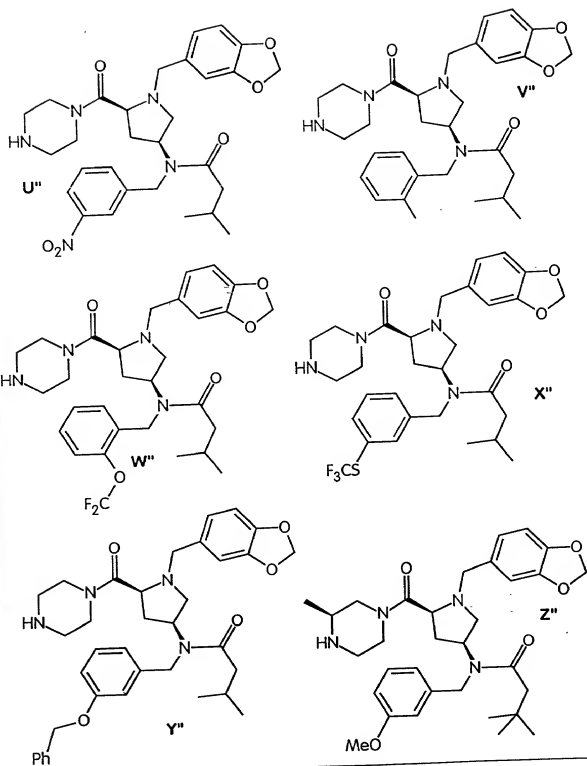


Fig. 32M

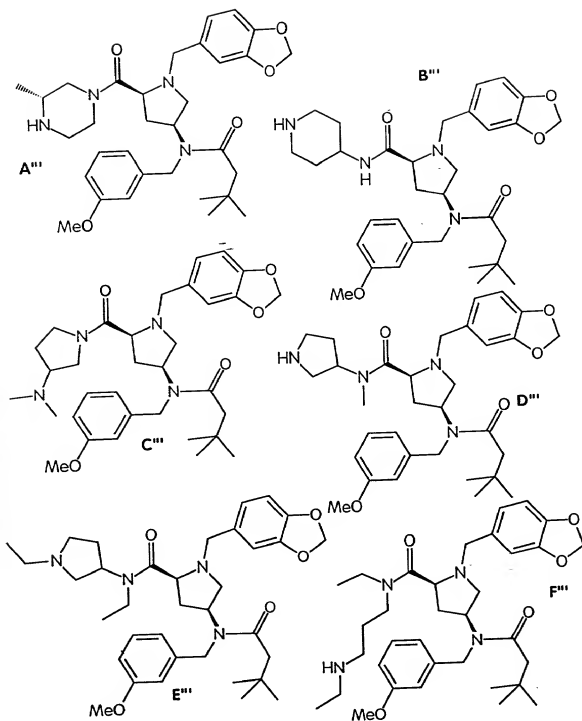


Fig. 32N

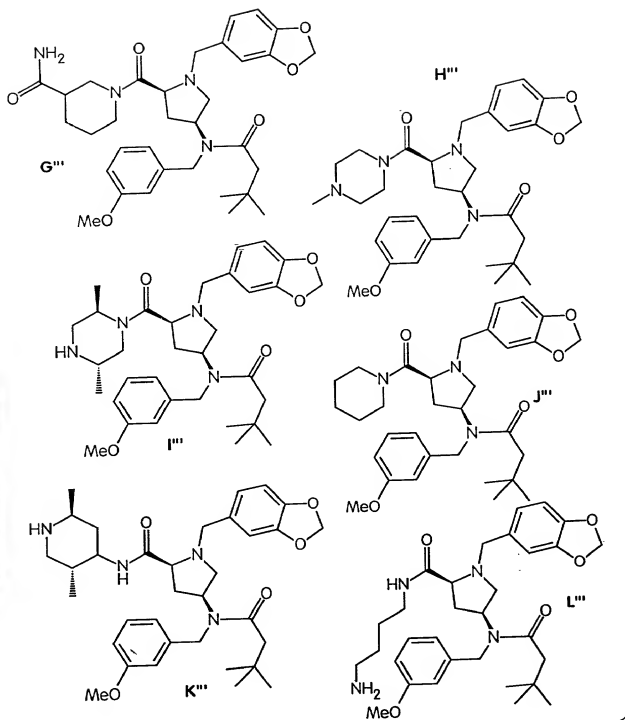


Fig. 320

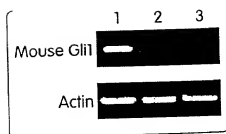


Fig. 33A

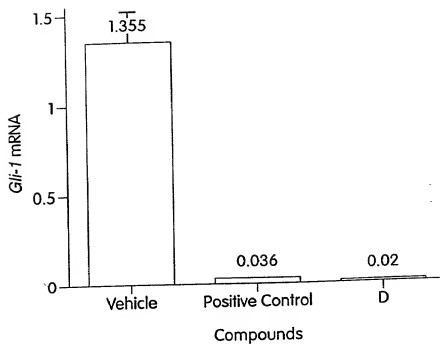


Fig. 33B

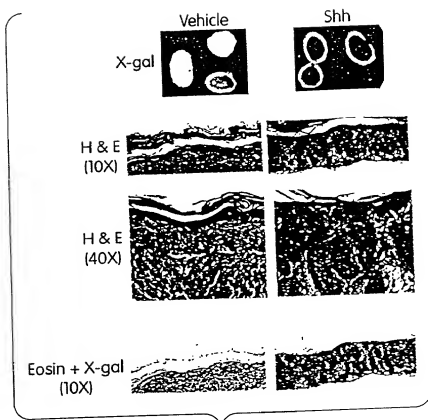


Fig. 34A



Shh treated E17.5 mouse skin punch

Fig. 34B

49/58

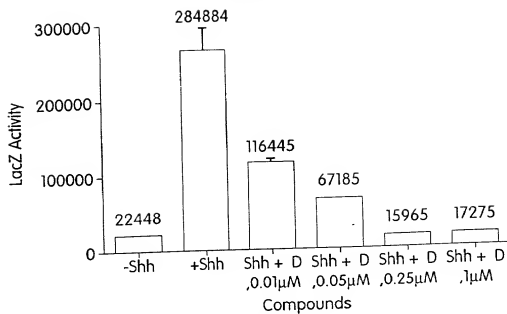


Fig. 35A

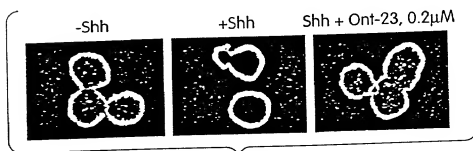


Fig. 35B

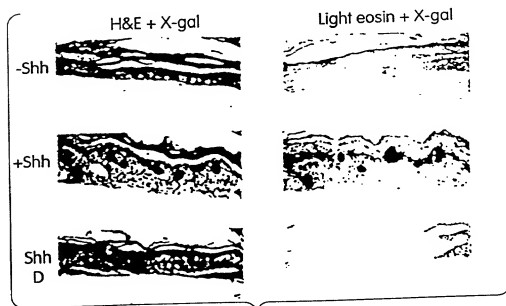


Fig. 35C

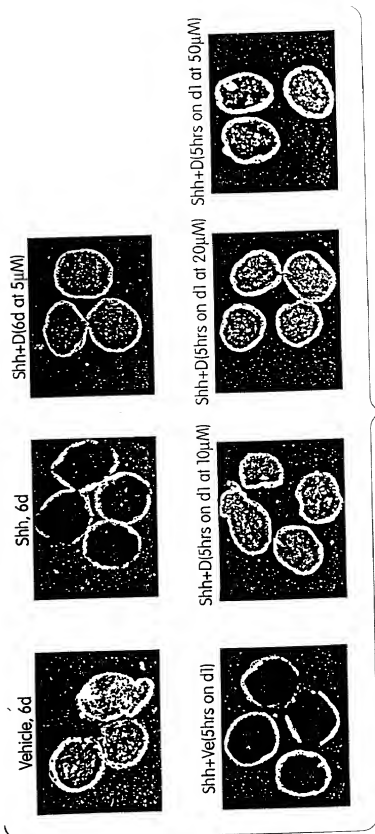


Fig. 36

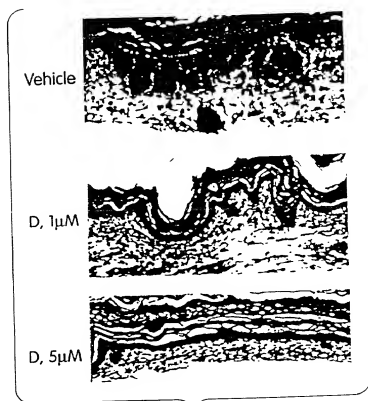


Fig. 37A

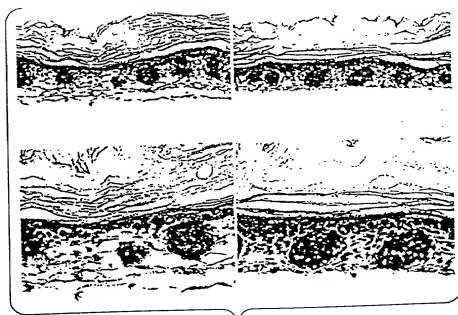


Fig. 37B

Shh, 10d;
Shreid on d7 and d9 with DMSO



Shh, 10d;
Shreid on d7 and d9 with D 1 at $1\mu\text{M}$



Shh, 10d;
Shreid on d7 and d9 with D at $5\mu\text{M}$



Fig. 38A

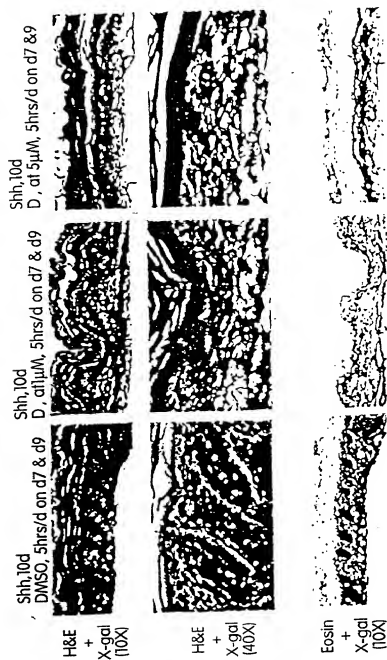


Fig. 38B

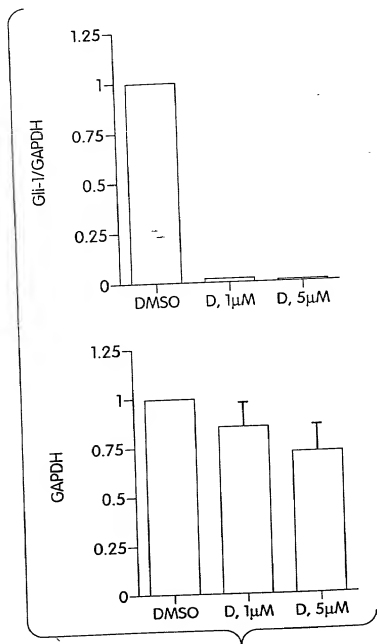


Fig. 38C

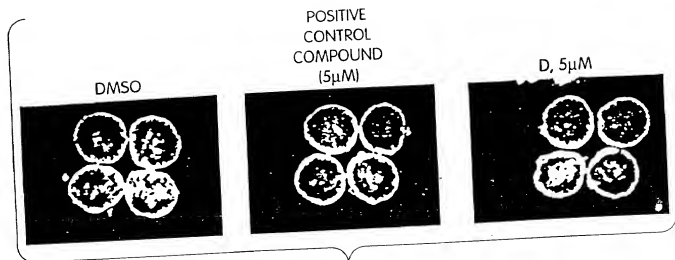


Fig. 39A

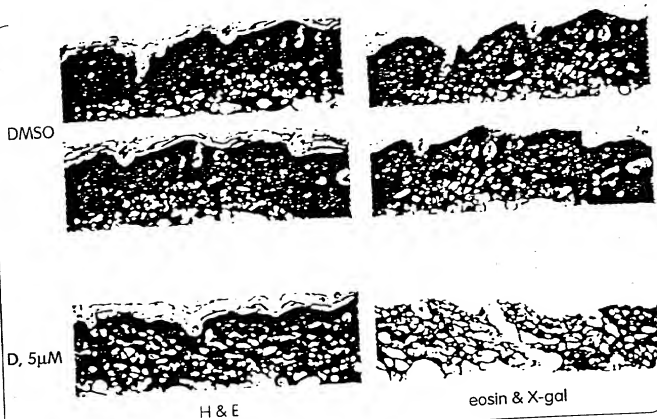


Fig. 39B

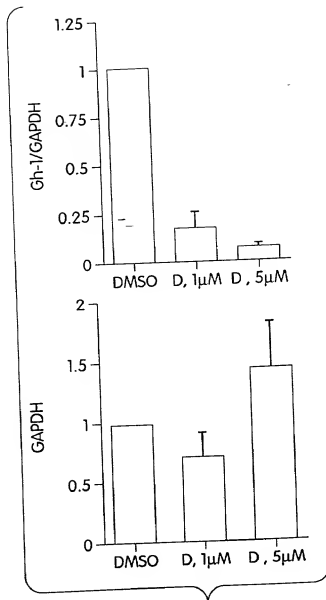


Fig. 39C

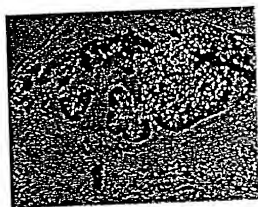


Fig. 40A

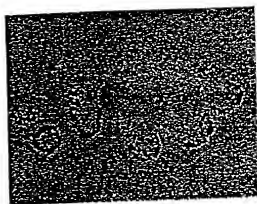


Fig. 40B

00077000 16000
1000000 00000000

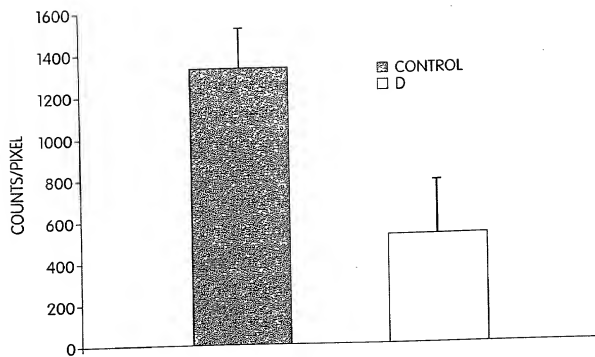


Fig. 41